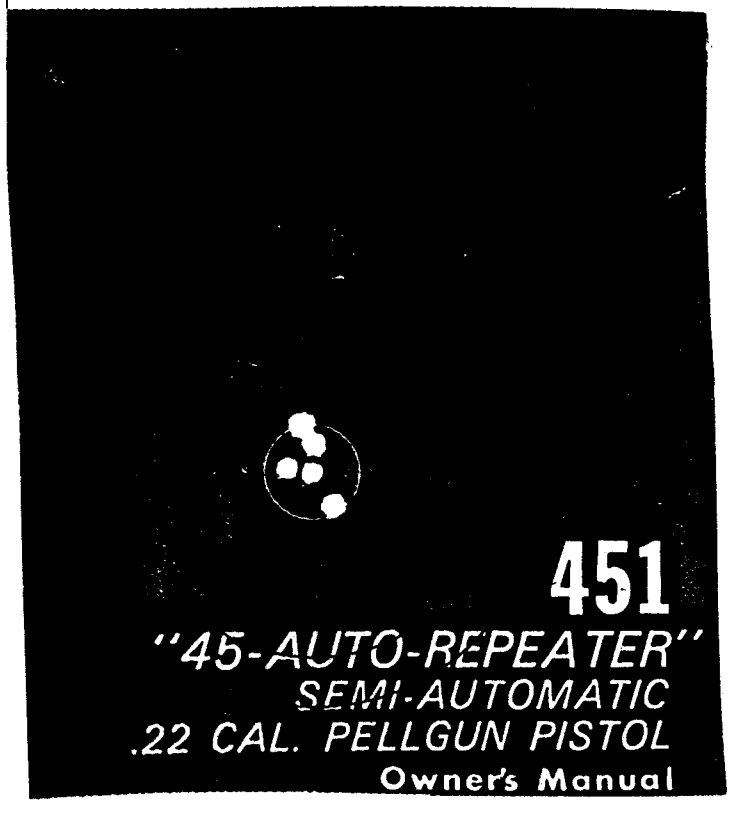
Crosman CORPORATION

Crosman



451

"45-AUTO-REPEATER"

SEMI-AUTOMATIC

.22 CAL. PELLGUN PISTOL

Owner's Manual

Crosman 451

SPECIFICATIONS

Mechanism: Semi-Automatic Repeater

Caliber: .22 Crosman Super Pells

Roto-Mag Capacity: Six Crosman Super Pells

Weight: 45 oz.

O/A Length: 8 ¾"

Barrel 4 ¾", Steel Button Rifled-10 lands

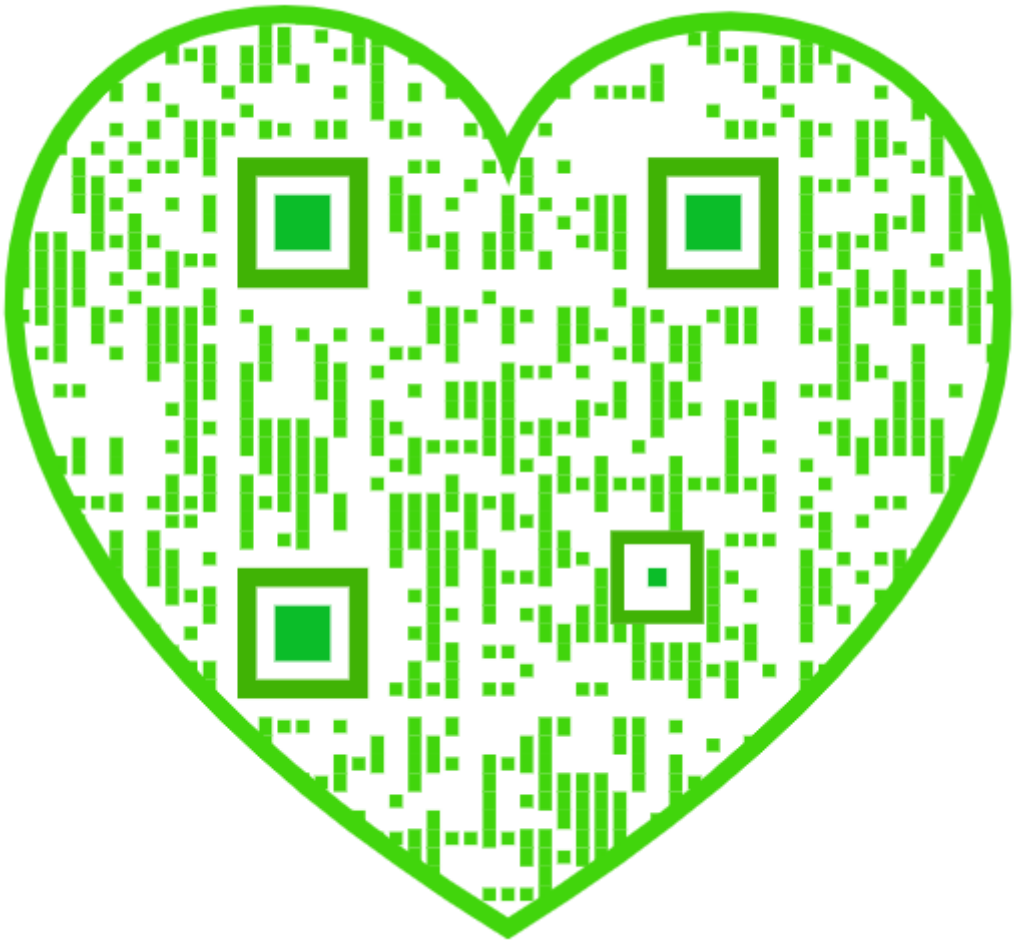
Power: One Crosman CO_2 Powerlet

Grips: Diamond Checkered

Finish: Blue-Black

CROSMAN AIRGUNS • VISIBLE IMPACT TARGETS • BENJAMIN SHERIDAN

Routes 5 & 20, East Bloomfield, NY 14443



OPERATING INSTRUCTIONS

MODEL 451 (Military "45")

CO_2 Semi-Automatic Pellgun Pistol

Read all instructions carefully before operating your gun.

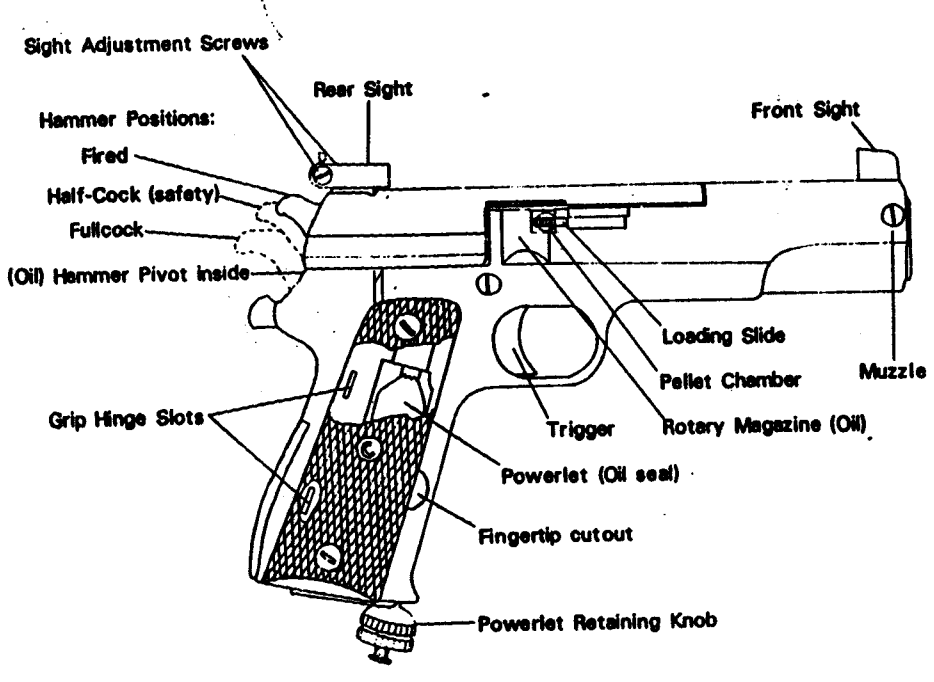
Always Follow These Simple Safety Rules:

1. Treat every gun as if it is a loaded gun.
2. Always keep muzzle of gun pointed in a safe direction.
3. Don't point at anything you don't intend to shoot.
4. Check safety before loading.
5. Be sure of your target and your backstop.
6. Conduct yourself as a true sportsman in using your gun.

IMPORTANT

Never handle your gun until you are completely familiar with it. Read all instructions carefully before operating your pellet pistol. Study diagram and become familiar with operating parts.

The Model 451 is a 6-shot semi-automatic repeating Pellgun Pistol. It will automatically reload and cock itself for its next firing each time the trigger is pulled and should always be treated as a loaded gun. The "Roto-Mag" has a capacity of 6 Pells.

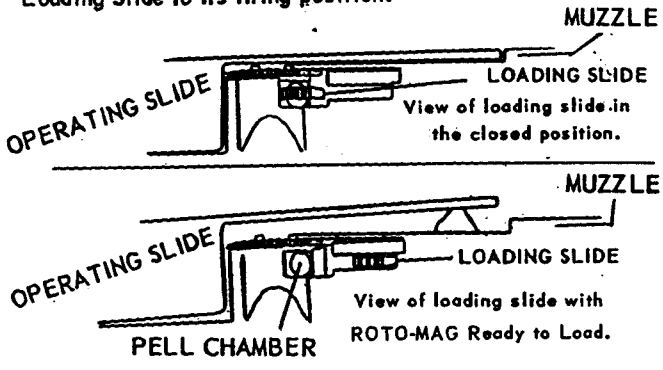


Crosman CORPORATION

TO LOAD PISTOL:

Use only Crosman .22 Caliber Super Pells in your "45 Auto". Other makes may cause jamming..

Set Hammer in half cock position. With pistol pointed in a safe direction, move Loading Slide forward away from the Hammer; this also raises operating slide in order that Roto-Mag can be manually rotated for loading or unloading. Drop Pell (skirt first) in magazine chamber seating Pell properly in chamber. Repeat 5 additional times to fully load. Return Loading Slide to its firing position.



TO SHOOT PISTOL:

Cock Hammer with thumb to full firing position. Take aim, squeeze trigger and shoot. The pistol will automatically reload and cock itself for its next firing. Gun should always be pointed in a safe direction.

Pellets should not be shot when gun is very low in gas pressure. Low gas pressure may result in a pellet remaining in the barrel. An indication of low gas pressure is the Hammer failing to automatically cock. NOTE: When gun is fired with empty chamber, the CO_2 usage is doubled. This system is designed to give maximum efficiency and number of shots with Pellets in the chamber. When pistol is used in extremely hot or cold weather, the Hammer may not automatically cock after each shot. This is not a malfunction, but is due to the temperature changes.

TO ADJUST REARSIGHT:

Windage: Turning adjustment screw clockwise moves target group to the right. Turning adjustment screw counter-clockwise moves group to the left. At 25 ft., each click will move group 7/32". Each complete turn will move group 7/8".

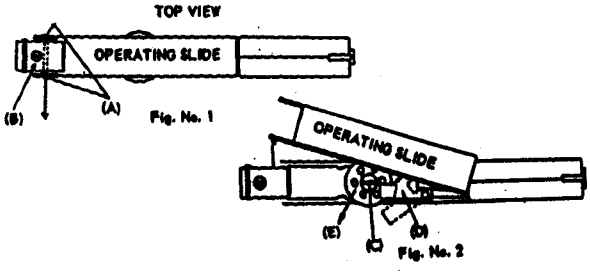
TO REMOVE PELLET FROM BARREL AND MAGAZINE:

CAUTION: Never attempt to shoot a jammed pellet out of barrel with another pellet. Put Hammer in half-cock position. Exhaust CO_2 gas and remove powerlet from gun. (See instructions under "To Charge Pistol with CO_2".)

Remove remaining pellet from magazine. NOTE: If magazine does not rotate freely at this point, a pellet is jammed between the magazine and the barrel. Insert the ramrod in muzzle end and gently push pellet back into magazine chamber. Do not use excessive force to drive pellet from the magazine, as it may become difficult or may even damage the magazine. Remove remaining pellet from magazine. If a pellet is jammed in the barrel, follow the same steps as above. A jammed pellet may also be cleared as follows:

1. Place Hammer on half cocked position.
2. Remove operating slide pivot pin (A) Fig. 1 (Push out from either side)
3. Move rear sight assembly (B) Fig. 1, 1/4" to rear against Hammer.
4. Gently lift operating slide up and to one side, as shown in Fig. 2.
5. Remove Roto-Mag screw (C) Fig. 2.
6. Gently move stop pawl (D) to right, Fig. 2 and lift out rotary magazine, (E), Fig. 2.

Now proceed to clear the pellet from the barrel using the provided ramrod. NOTE: To assemble slide follow the above steps in the reverse order.



NOTICE: The valve in this gun is designed for use with Crosman Powerlets. Other type CO_2 Cylinders may not function properly or may contain impurities harmful to the valve system.

NOTE EXTREMELY IMPORTANT

This pistol has a new and unique safety. This new safety can be engaged in either of the following two (2) ways: (Caution: Insure that pistol is unloaded and pointed in a safe direction.)

1) with Hammer in full forward position, move Hammer backwards to the first click, (approximately 1/16 inch);

2) move Hammer to extreme rear position, hold Hammer in this position and squeeze trigger. Slowly move Hammer forward 1/2 inch, disengage trigger and let Hammer move forward.

In the instructions that follow, the "half-cock" position is the same as "safe" position.

TO CHARGE PISTOL WITH CO_2:

To insure maximum safety when charging the pistol, remove all pellets from gun. (See section, "To Remove Pellets from Barrel and Roto-Magazine.") Put Hammer in half cock position. NOTE: This prevents Hammer from accidentally firing if the gun is dropped or the Hammer is pushed. This is also necessary when piercing powerlet. CAUTION: DO NOT pull trigger or move Hammer further until you have followed all instructions in preparation for shooting and until the pistol is pointed in a safe direction.

TO REMOVE POWERLET and exhaust any remaining CO_2 gas, turn Powerlet Retaining Knob counter-clockwise 3 to 4 turns. CAUTION: Do not remove grip before exhausting CO_2 Gas. Back off Powerlet Retaining Knob slowly until all CO_2 is exhausted.

(An alternate method of exhausting remaining gas is by pressing the Hammer forward. However, this method can be accomplished only after gas pressure is very low. Do not strike the rear of the Hammer to exhaust. Do not press Hammer from half cocked or "safe" position; full forward Hammer position is necessary.)

Insert index finger in fingertip cutout provided on right side of pistol grip frame, lift right hand grip out of grip frame. Remove empty powerlet from frame. Insert a new Crosman Powerlet in grip frame, neck end toward Hammer. Position grip spring hinge in slot provided on frame and snap grip into position. Hold pistol grip firmly and turn the Powerlet Retaining Knob clockwise, tightening securely to pierce powerlet.

Cock and fire gun to make sure powerlet is pierced. If powerlet is not pierced, tighten Powerlet Retaining Knob further. Your "45 Auto" is now charged and ready for loading. CAUTION: DO NOT expose charged gun or powerlet to excessive heat.

LUBRICATION:

IMPORTANT: Proper oiling of your Crosman "45 Auto" will eliminate most sealing failures. USE SPARINGLY. Excessive oiling is harmful to gun action. Three or four drops is sufficient for each seal or moving part. Apply every 500 shots or when parts appear dry. It is not necessary to clean the barrel of this pistol, but an occasional light oiling is recommended to prevent rusting. Never use penetrating or detergent-type oils, as they may be harmful to valve washers and seals. Use CROSMAN SPECIAL PELLGUNOIL for best results.

To clean parts, wipe with cloth and Pellgunoil. Never use gasoline or cleaning fluid, as it may wash into the system and damage valve seals.

REPAIR SERVICE:

It is not necessary for your dealer to replace your gun. Your Crosman gun can be serviced at one of the authorized service stations shown on the attached list. Do not return your gun to the factory. Our service stations are equipped to make warranty repairs on Crosman guns, without returning them to the factory, within the ninety (90) day warranty period. Guarantee Certificate must be properly filled out and accompany your gun in order to qualify for service.

Warranty is void if gun has been disassembled or in the judgement of the service station has been abused or misused. Include a description of the malfunction with gun. Postal regulations prohibit the mailing of pistols by an individual. Request your dealer to mail it for you.